Form Number 3352-930 Rev B

Insight™ Lawn Mower

Model No. 10683 - 250000001 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each Identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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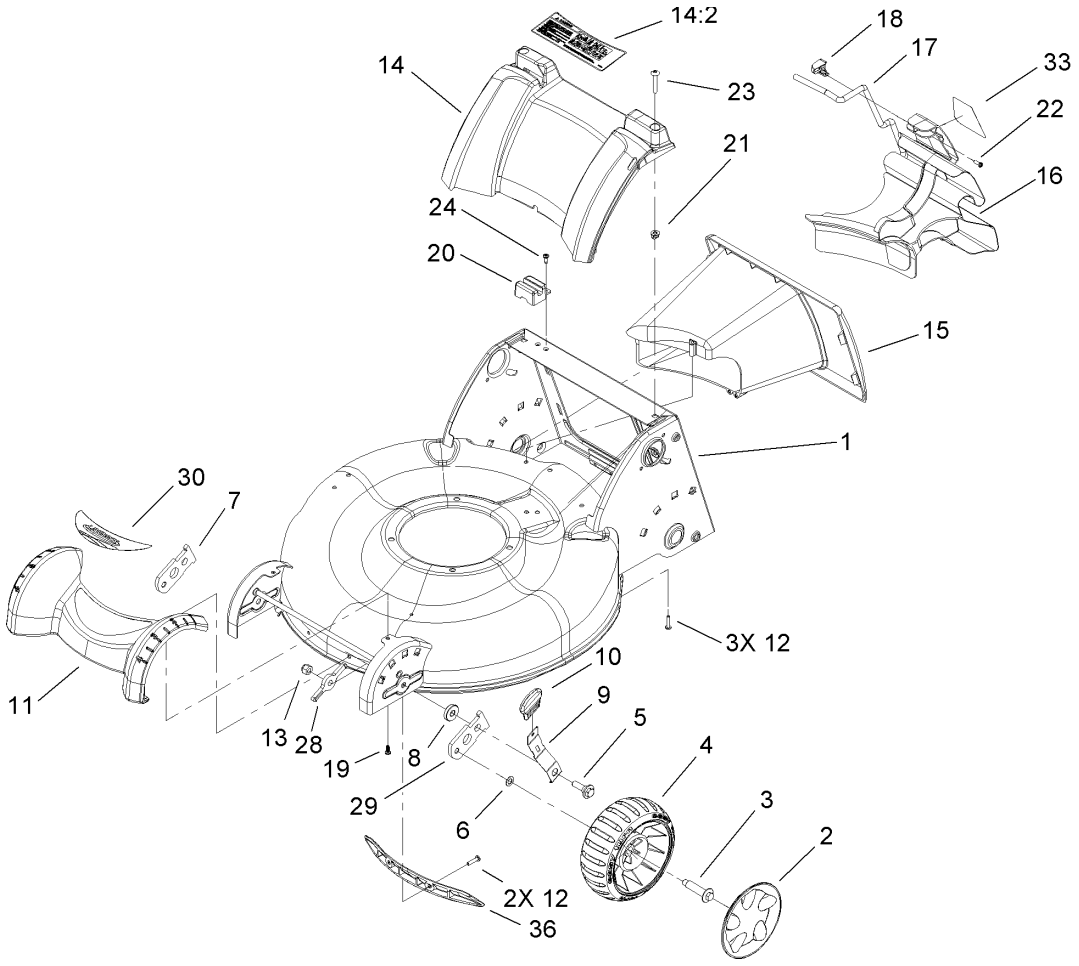
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
EXT. . . . . external
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
NPTF. . . . . national pipe thread fine
PPH. . . . . phillips pan head
PPHTF. . . . . phillips pan head thread forming
PRH. . . . . phillips round head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
ROPS. . . . . roll over protection system
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head

Footnotes

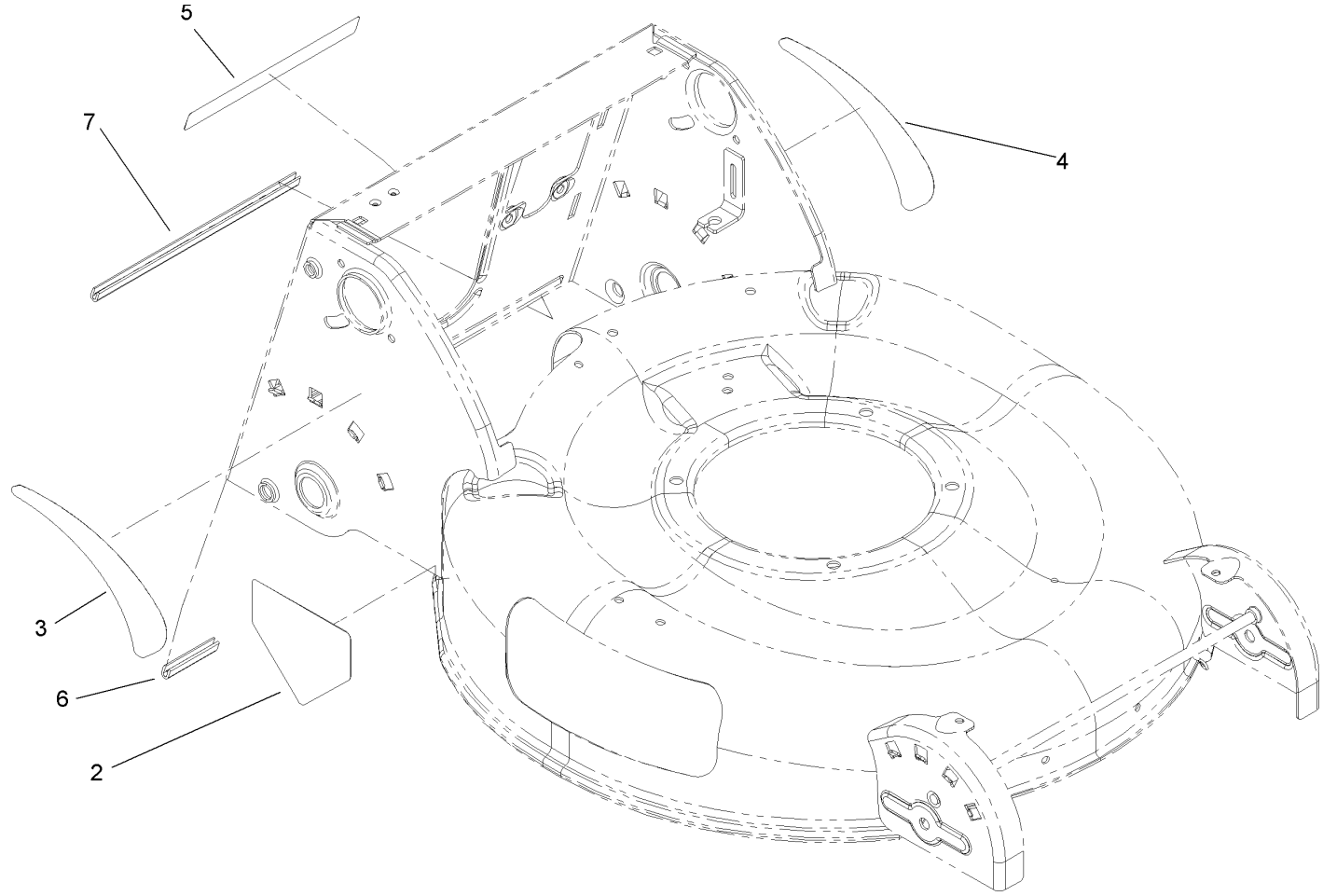
❶ Not illustrated
❷ Not serviced separately
❸ Obtain from your local Tecumseh dealer



Front End and Tunnel Assembly

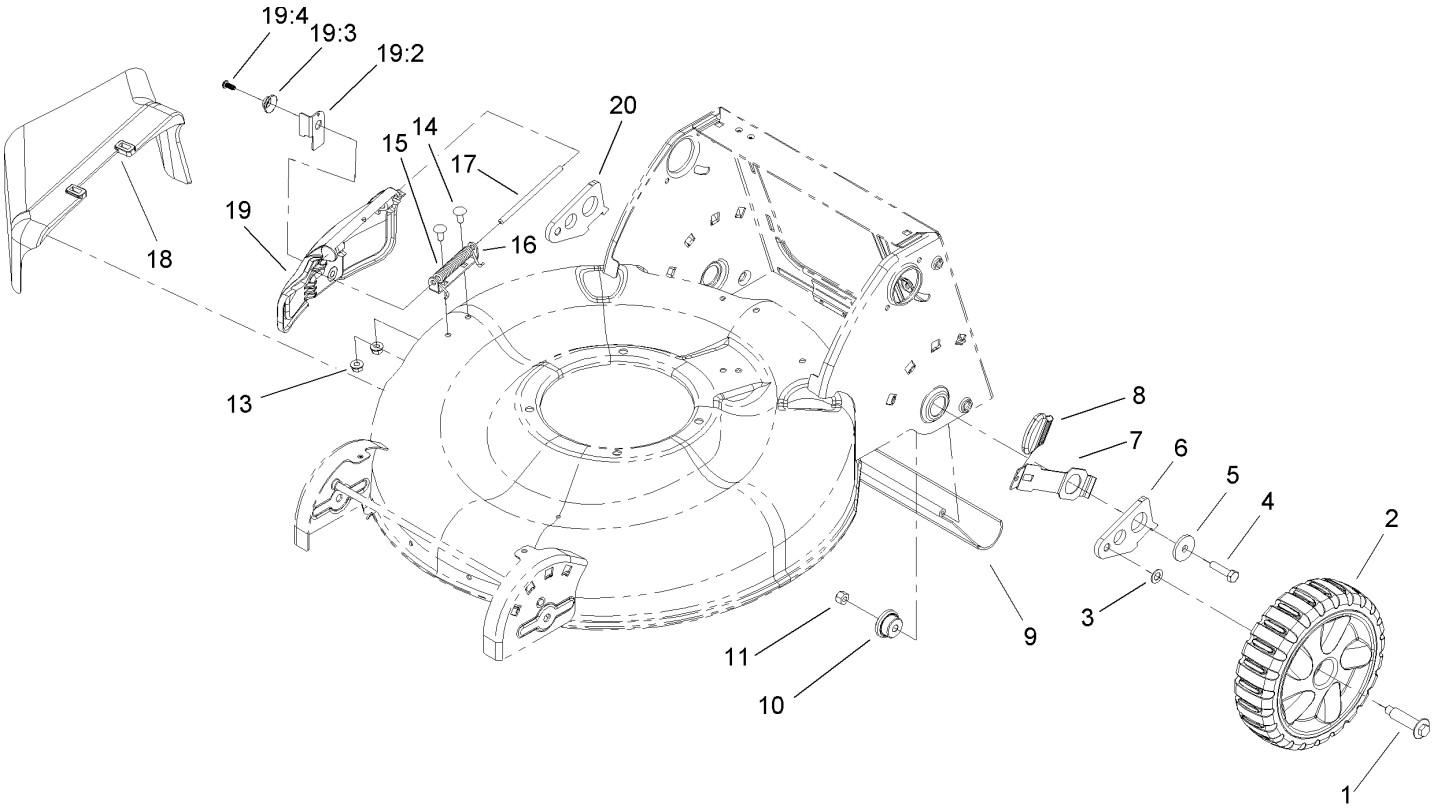
Ref	Part No.	Qty.	Description
1	108-9345	1	Housing ASM
2	107-3886	2	Cover-Wheel, 7In
3	614650	2	Bolt-Shoulder
4	107-3891	2	7In Wheel ASM
5	614672	2	Bolt-Shoulder
6	40-1940	2	Washer
7	107-3877	1	Arm-Pivot, RH
8	92-4890	2	Washer
9	107-3878	2	Arm-Spring
10	107-1904	2	Knob-Lever, HOC
11	107-3926	1	Cover-Front
12	108-7476	5	Screw-Plastite
13	3296-39	2	Nut-Lock, NI
14	108-9348	1	Cover-Rear
14:2	107-3888	1	Decal-Safety
15	107-3905	1	Tunnel
16	107-3907	1	Plug-Chute
17	108-1038	1	Latch-Plug
18	108-0956	1	Retainer-Latch
19	108-7475	2	Screw-Plastite
20	108-0967	1	Module-Switch
21	94-1610	2	Nut-Clip
22	32144-111	1	Screw-PPH
23	108-0965	2	Screw-PTH

Ref	Part No.	Qty.	Description
24	105-6849	2	Screw-Thread Forming
28	108-1048	2	Washer-Support, Front
29	108-1044	1	Arm-Pivot, LH
30	108-7453	1	Decal
33	108-7461	1	Decal
36	108-7502	1	Insert-Housing
❶39	110-1751	1	Mulch Plug ASM



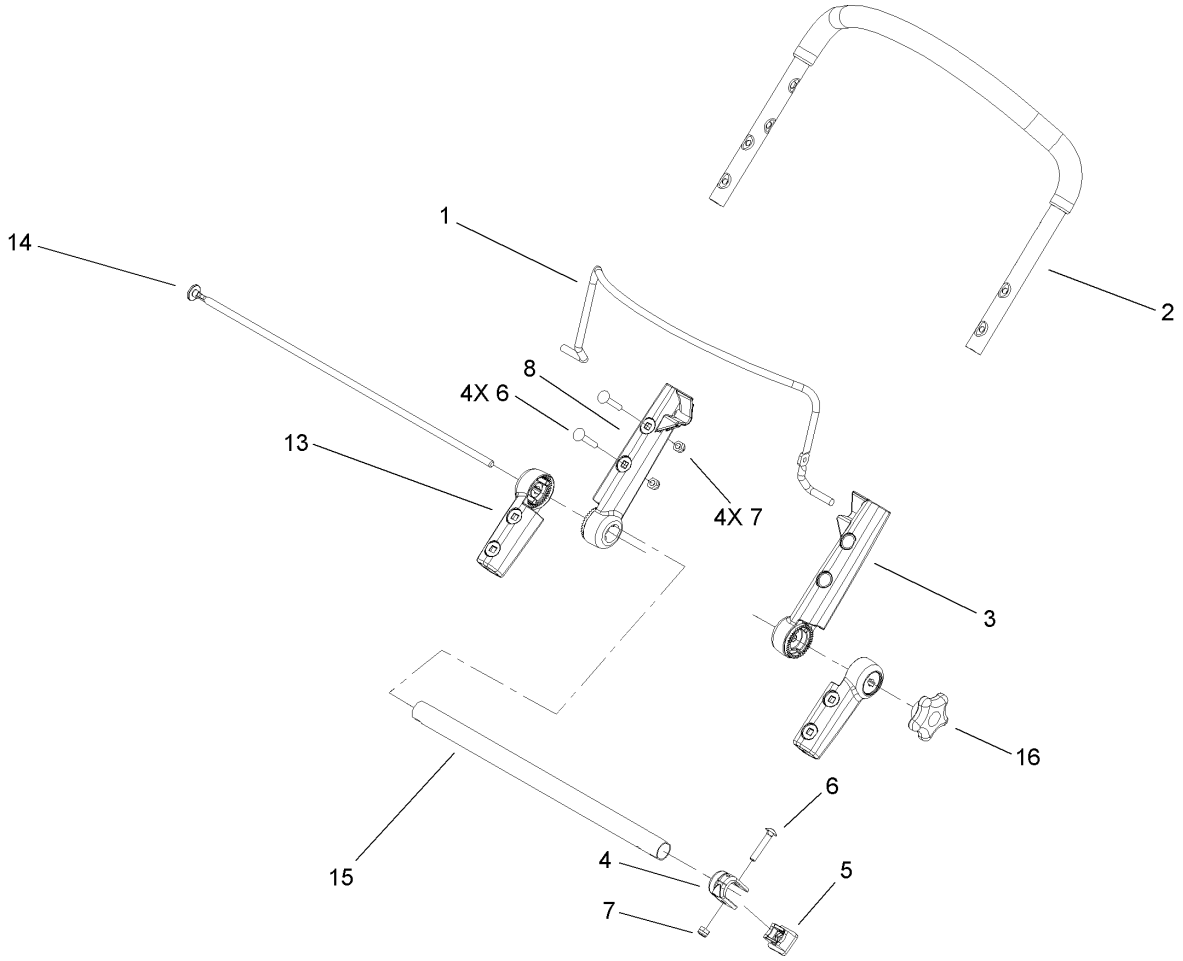
Housing and Decal Assembly No. 108-9345

Ref	Part No.	Qty.	Description
2	94-8072	1	Decal-Danger
3	108-7450	1	Decal-HOC, RH
4	108-7451	1	Decal-HOC, LH
5	107-3889	1	Decal-Safety
6	108-7504	1	Strip-Edge
7	108-9380	1	Strip-Edge



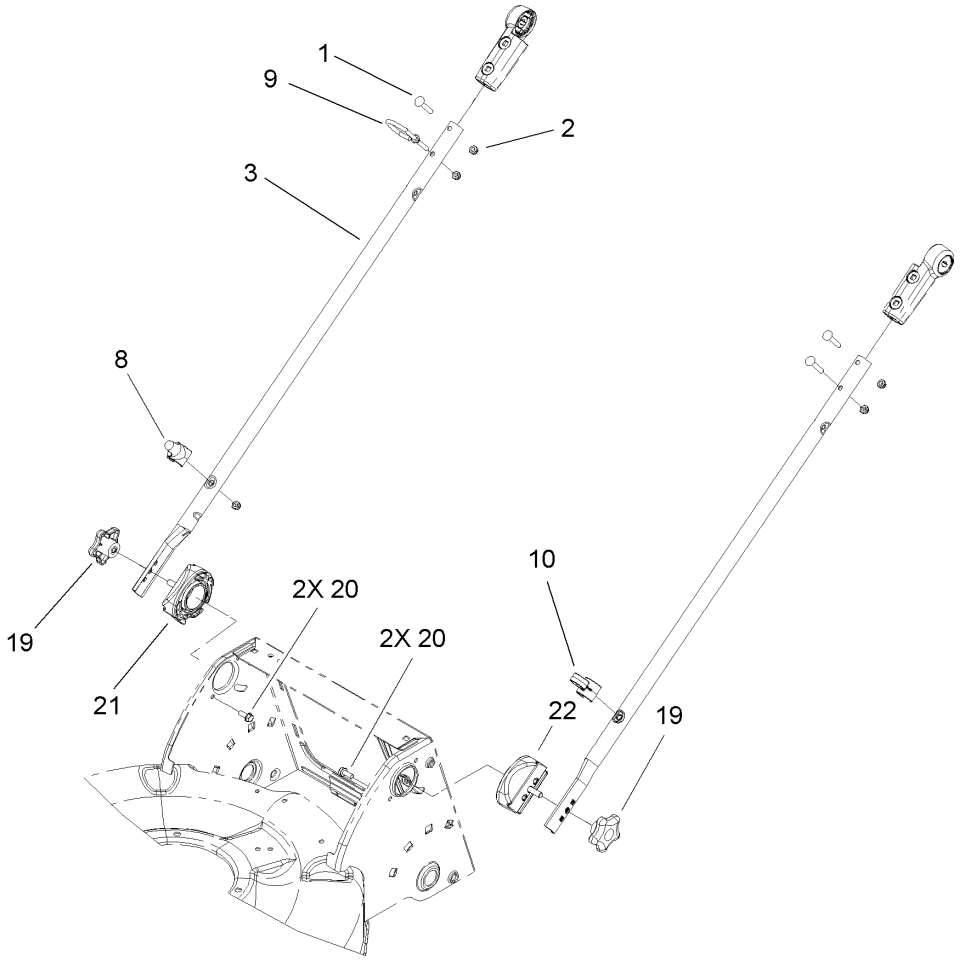
Rear End Assembly

Ref	Part No.	Qty.	Description
1	614650	2	Bolt-Shoulder
2	107-3898	2	8 In Wheel ASM
3	40-1940	2	Washer
4	322-6	2	Screw-HH
5	105-3048	2	Washer-Flat
6	107-3879	1	Arm-Pivot, Rear (LH)
7	107-3880	2	Arm-Spring, Rear
8	107-1904	2	Knob-Lever, HOC
9	107-3904	1	Shield-Trailing
10	105-1818	2	Bushing-Mount, HOC
11	3296-29	2	Nut-Lock, NI
13	32128-32	2	Nut-HHF
14	3229-11	2	Screw-CARR
15	99-5293	1	Spring-Torsion
16	99-5292	1	Bracket-Cover
17	99-5291	1	Rod-Cover
18	105-3028	1	Chute-Discharge, Side
19	106-8376	1	Discharge Door ASM
19:2	107-0795	1	Latch-Door
19:3	107-7456	1	Cap-Door
19:4	107-7461	1	Screw-Plastite
20	108-1039	1	Arm-Pivot, Rear (RH)



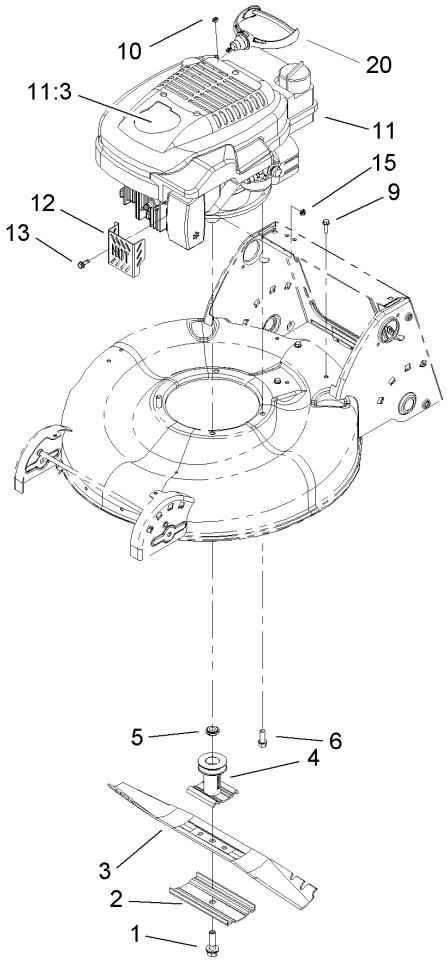
Upper Handle Assembly

Ref	Part No.	Qty.	Description
1	108-1035-03	1	Bail-Brake
2	110-1752	1	Handle ASM
3	108-1030	1	Mount-Handle, LH
4	107-3910	1	Cable-Brake
5	108-1040	1	Support-Mount, Cable
6	108-0988	5	Screw-CARR
7	3296-73	5	Nut-Lock, NI
8	108-1031	1	Mount-Handle, RH
13	107-3865	2	Mount-Handle, Lower
14	107-3871	1	Rod-Threaded
15	107-3867-03	1	Tube-Cross
16	107-3937	1	Knob



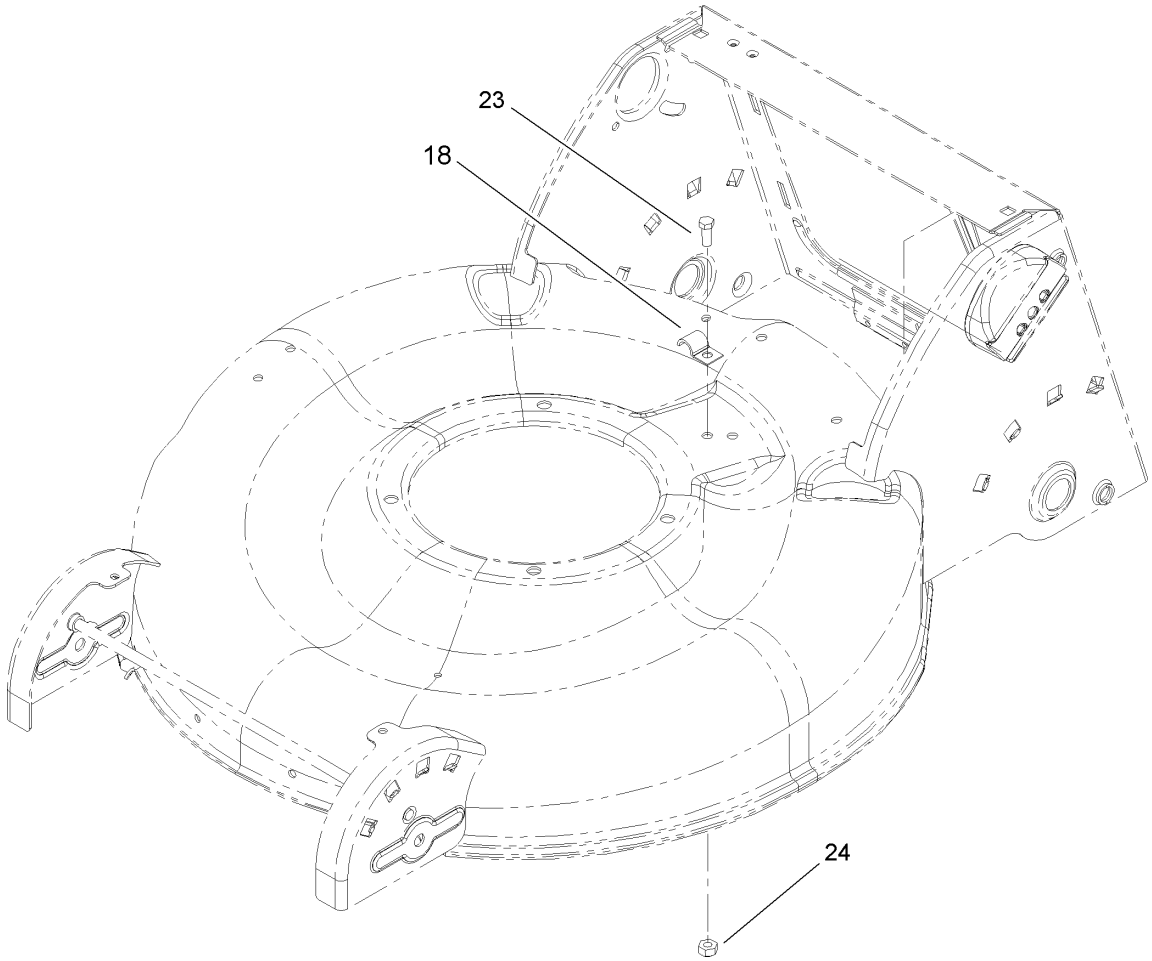
Lower Handle Assembly

Ref	Part No.	Qty.	Description
1	108-0988	3	Screw-CARR
2	3296-73	4	Nut-Lock, NI
3	107-3887-03	2	Tube-Lower
8	108-0994	1	Guide-Rope, Lower
9	107-3908	1	Guide-Rope, Upper
10	106-6805	1	Guide-Cable
19	106-4161	2	Knob-Handle
20	32144-85	4	Screw-HWH
21	108-1042	1	RH Handle Mount ASM
22	108-1043	1	LH Handle Mount ASM



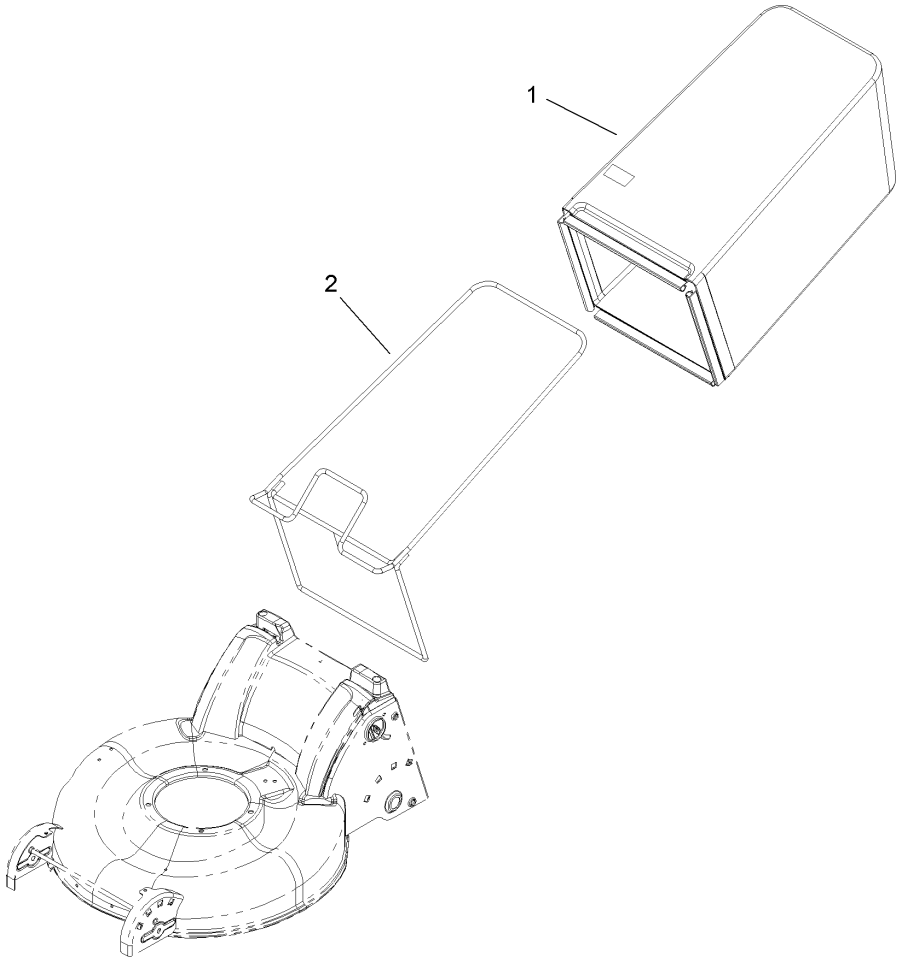
Blade and Engine Assembly

Ref	Part No.	Qty.	Description
1	105-8579	1	Bolt-Blade
2	108-3766-03	1	Support-Blade
3	108-0954-03	1	Blade-21 In
4	106-3987	1	Blade Driver ASM
5	106-3999	1	Spacer-Driver
6	92-1624	3	Screw
9	46-8091	3	Screw-HWH
10	92-1701	1	Stop-Rope
❷❸11		1	Engine-Tecumseh, Lv195Ea-362044C
11:3	108-7452	1	Decal-Recoil
12	106-8346	1	Guard-Muffler
13	32144-85	1	Screw-HWH
15	32149-7	1	Nut-Keps
20	106-8345	1	Handle-Recoil



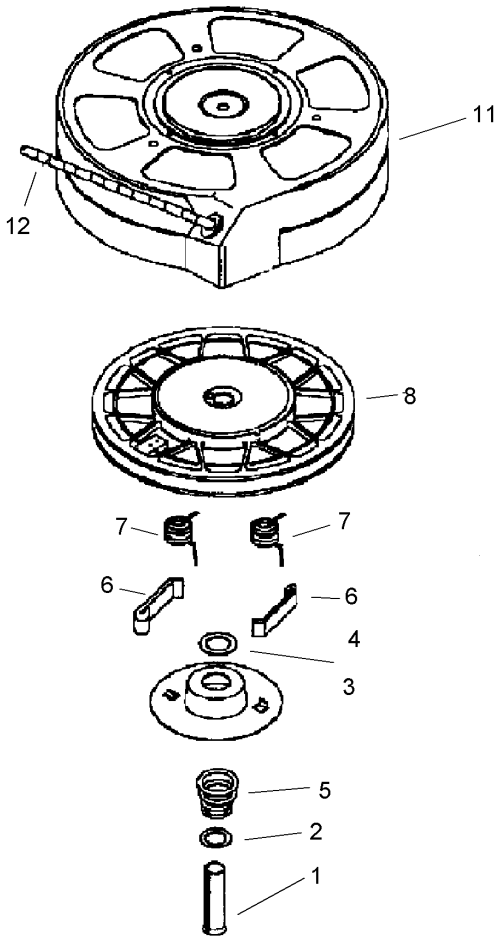
Clip Assembly

Ref	Part No.	Qty.	Description
18	2412-90	1	Clip-Half
23	321-2	1	Screw-HH
24	3296-42	1	Nut-Lock, NI



Rear Bag Assembly

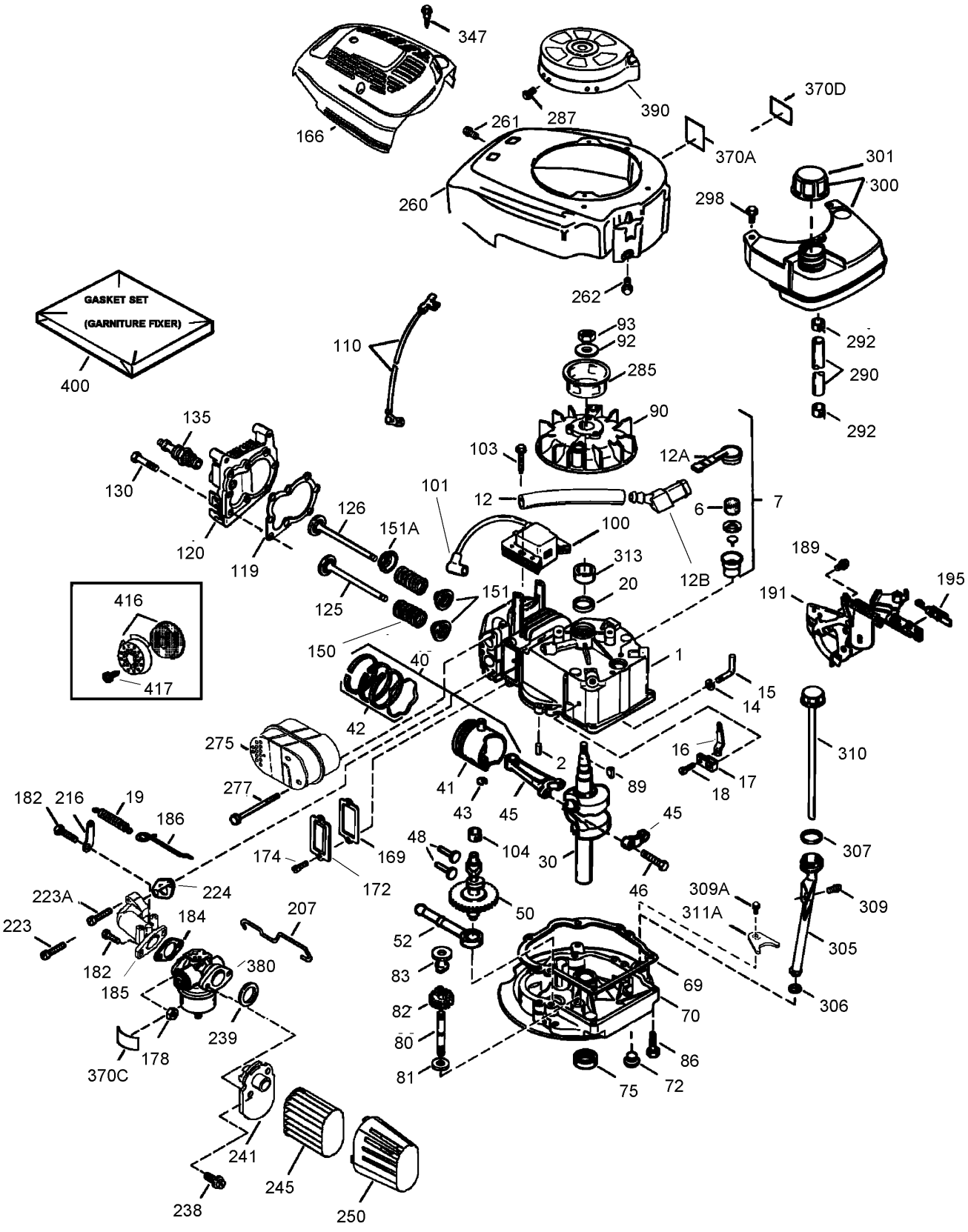
Ref	Part No.	Qty.	Description
1	107-3911	1	Bag-Grass
2	107-3912-03	1	Bag Frame ASM



Recoil Starter Assembly No. 590702 (Optional)
Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description
❸0	590702	1	Starter-Recoil
❸1	590599A	1	Spring Pin ASM
❸2	590600	1	Washer
❸3	590696	1	Retainer
❸4	590601	1	Washer
❸5	590697	1	Spring-Brake
❸6	590698	2	Dog-Starter
❸7	590699	2	Spring-Dog
❸8	590700	1	Pulley And Rewind Spring ASM
❸11	590703A	1	Starter Housing ASM
❸12	590535	1	Rope-Starter (98In X 9/64In Diameter)

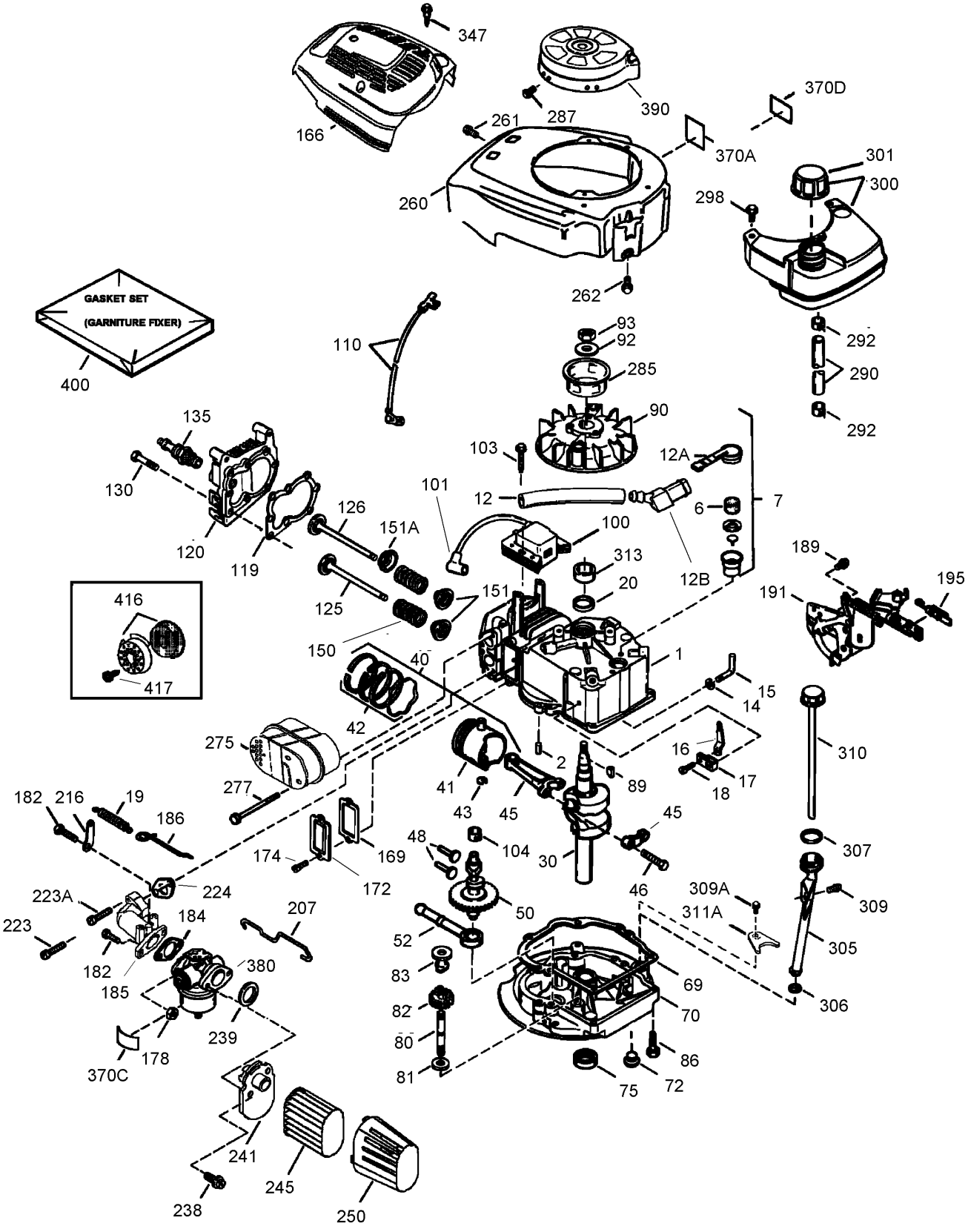
Engine Assembly
Tecumseh LV195EA-362044C



Engine Assembly
Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description
❸1	37465	1	Cylinder
❸2	26727	2	Pin-Dowel
❸6	33734	1	Element-Breather
❸7	36557	1	Breather ASM
❸12	37944	1	Tube-Breather
❸12A	36558	1	Breather Cover And Tube ASM
❸12B	36694	1	Elbow-Tube, Breather
❸14	28277	1	Washer
❸15	30589	1	Rod-Governor
❸16	34839A	1	Lever-Governor
❸17	31335	1	Clamp-Lever, Governor
❸18	651018	1	Screw
❸19	36281	1	Spring-Extension
❸20	32600	1	Seal-Oil
❸30	37692	1	Crankshaft
❸40	40027	1	Piston Pin And Ring Set (STD.)
❸41	40042	1	Piston And Pin ASM (STD.)
❸42	40006	1	Ring Set (STD.)
❸43	20381	2	Ring-Retaining
❸45	36777	1	Connecting Rod ASM
❸46	32610A	2	Bolt-Rod, Connecting
❸48	27241	2	Lifter-Valve
❸50	37460	1	Camshaft
❸52	29914	1	Oil Pump ASM
❸69	37609	1	Gasket-Flange, Mounting
❸70	37608	1	Flange-Mounting
❸72	37614	1	Plug-Drain, Oil
❸75	27897	1	Seal-Oil
❸80	30574A	1	Shaft-Governor
❸81	30590A	1	Washer
❸82	30591	1	Governor Gear ASM
❸83	30588A	1	Spool-Governor
❸86	650488	6	Screw (1/4–20 X 1–1/4In)
❸89	611298	1	Key-Flywheel
❸90	611299	1	Flywheel
❸92	650815	1	Washer-Belleville
❸93	650816	1	Nut-Flywheel
❸100	34443C	1	Ignition-Solid State
❸101	610118	1	Cover-Spark Plug
❸103	651007	2	Screw
❸104	37480	1	Bushing-Cam

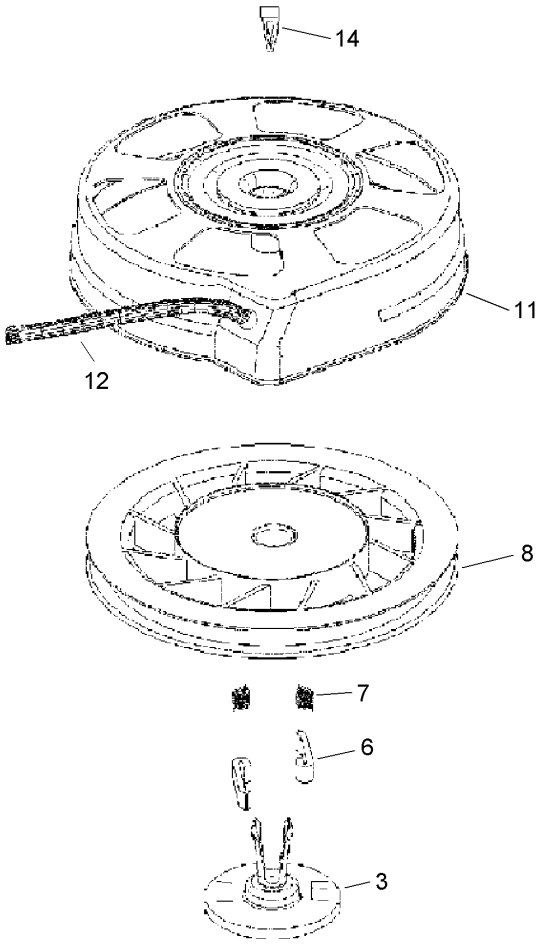
Engine Assembly (continued)
Tecumseh LV195EA-362044C



Engine Assembly (continued)
Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description
❸110	37047	1	Wire-Ground
❸119	37796	1	Gasket-Head, Cylinder
❸120	37714	1	Head-Cylinder
❸125	36780	1	Valve-Exhaust (1/32In Os)
❸125	37288	1	Valve-Exhaust (STD.)
❸126	37289	1	Valve-Intake (STD.)
❸130	6021A	8	Screw (5/16–18 X 1–7/16In)
❸135	35395	1	Spark Plug-Resistor
❸150	31672	2	Spring-Valve
❸151	31673	2	Cap-Spring, Valve
❸151A	40017	1	Seal-Valve, Intake
❸166	37813	1	Shroud-Engine
❸169	36783	1	Gasket-Cover, Valve
❸172	36784	1	Cover-Valve
❸174	30200	2	Screw (10–24 X 9/16In)
❸178	29752	2	Nut And Lock Washer ASM
❸182	6201	2	Screw (1/4–28 X 7/8In)
❸184	26756	1	Gasket-Carburetor To Intake Pipe
❸185	37466	1	Pipe-Intake
❸186	32653	1	Link-Governor
❸189	650839	2	Screw (1/4–20 X 3/8In)
❸191	36559A	1	Bracket-Brake
❸195	610973	1	Terminal
❸207	34336A	1	Link-Throttle
❸216	33086	1	Lever-Adjusting, R.P.M.
❸223	650451	1	Screw (1/4–20 X 1In)
❸223A	651074	1	Stud-Pipe, Intake
❸224	36786	1	Gasket-Pipe, Intake
❸238	650932	2	Screw (10–32 X 49/64In)
❸239	34338	1	Gasket-Cleaner, Air
❸241	36919	1	Collar-Cleaner, Air
❸245	36905	1	Filter-Cleaner, Air
❸250	37122	1	Cover-Cleaner, Air
❸260	37696A	1	Housing-Blower
❸261	30200	2	Screw (10–24 X 9/16In)
❸262	650831	2	Screw (1/4–20 X 1/2In)
❸275	37498	1	Muffler
❸277	650988	2	Screw (1/4–20 X 2–9/32In)
❸285	35000A	1	Cup-Starter
❸287	650926	2	Screw (8–32 X 21/64In)
❸290	29774	1	Line-Fuel
❸292	26460	2	Clamp-Line, Fuel
❸298	28763	2	Screw (10–32 C 35/64In)
❸300	37947	1	Fuel Tank ASM
❸301	37844	1	Fuel Cap ASM
❸305	35647	1	Tube-Fill, Oil
❸306	37610	1	O–Ring
❸307	35499	1	O–Ring
❸309	650562	1	Screw (10–32 X 1/2In)
❸309A	650783	1	Screw (10–24 X 3/4In)
❸310	35648	1	Dipstick
❸311A	37611	1	Bracket-Down, Hold

Ref	Part No.	Qty.	Description
❸313	34080	1	Spacer
❸347	650898A	4	Screw (10–32 X 27/32In)
❸370A	36261	2	Decal-Lubrication
❸370C	37695	1	Decal-Primer
❸370D	35977	1	Decal-Warning
❸380	640350	1	Carburetor ASM
❸390	590739	1	Starter-Rewind
❸400	37613A	1	Gasket Set
❸416	37530	1	Spark Arrestor Kit (Optional)



Rewind Starter Assembly No. 590739
Tecumseh LV195EA-362044C

Ref	Part No.	Qty.	Description
❸0	590739	1	Starter-Rewind
❸3	590740	1	Retainer
❸6	590616	2	Dog-Starter
❸7	590617	2	Spring-Dog
❸8	590618A	1	Pulley And Rewind Spring ASM
❸11	590638A	1	Starter Housing ASM
❸12	590535	1	Rope-Starter (98In X 9/64In Diameter)
❸14	590760	1	Clip-Spring

Attachments and Accessories

For 10683 - Insight Lawn Mower

Product Name	Model/Part
Loose Parts Kit	108-9353
Replacement Bag	89815
Rear Bag Kit	89913
21 In Blade	89914
Air Filter	89945
Spark Plug	89946

NOTES

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